

NITRIC OXIDE STIMULATION LASER AND METHOD

ABSTRACT OF THE DISCLOSURE

A nitric oxide-stimulation laser has an applicator packet (1) containing at least one diode chip (2) with dedicated emission of infrared (IR) light in wavelengths of predeterminedly proximate 1,550 nanometers for being eye safe and non-invasive with battery power for a duty cycle of one on and three off at a desired rate of repetition for operating periods of fifteen minutes with automatic shutoff. The IR laser light is generated by passing a set current current of predeterminedly proximate 160 milliamps axially through a diode chip of preferably GaInAsP/InP. From a light-emission end (14) of the diode chip, an astigmatic and non-coherent beam (12) of IR light is emitted and converted with a beam processor (10) to collimated light beams (13) for effectively deep penetrative entry into a select portion of an animate body (15) for stimulation of animate generation of nitric oxide for improvement of the animate body. Wavelength and current can be manufacturer preset for safe use by ordinary people or variable within ranges preset by the manufacturer for more comprehensive non-invasive and eye-safe use. A method includes positioning the applicator packet where intended for use on the animate body, turning it on for either a preset time for a preset embodiment or an adjusted time for an adjustable embodiment, leaving it in place until it stops automatically, and repeating the process as desired.